BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Detailed Estimate for the Work of Construcion and Repair of Anganavadi Building in Ward No. 06 Byatarayanapura Sub Division

							Estimate Cost Rs.		2000000.00
	Center Line:- 7.96+7.96+4.23+4.23+4.23+1.73 =30.34								
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for **leveling and lowering** the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, **Specification No KBS 2.1(a) / 2.3.1,P. No. 5/ Item No. 2.1/ PWD SR 2014-15**	Cum							
	Nagawara		1	6.00	9.70	0.20	11.64		
	Saraipalya		1	6.00	9.70	0.20	11.64		
							23.28	146.88	**3419.00**
	Basic Rate	136.00							
	Area Weightage @ 8%	10.88							
	Total	**146.88**							
2	KSRB 2-2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in Hard soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, **specification, No, KBS 2.1(a) / 2.3.5, No. 5/ Item No. 2.3/ PWD SR 2014-15**	Cum							
	Nagawara								
	Foundation		1	30.34	0.90	0.90	24.58		
	Column		6	1.20	1.20	1.20	10.37		
	Soak Pit		1	3.14X2.40X2.40		3.00	13.56		
				4					
	Sump Tank		1	1.80	2.40	2.25	9.72		
	Saraipalya								
	Foundation		1	30.34	0.90	0.90	24.58		
	Column		6	1.20	1.20	1.20	10.37		
	Soak Pit		1	3.14X2.40X2.40		3.00	13.56		
				4					
	Sump Tank		1	1.80	2.40	2.25	9.72		
							116.46		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Deduction of Columns		2X6	1.20	0.90	0.90	11.66		
							104.79	264.60	**27728.00**
	Basic Rate	245.00							
	Area Weightage @ 8%	19.60							
	Total	**264.60**							
3	KSRB 2.8 : Providing and filling in foundation with granite/trap broken metal 100mm, and down size, with approved sand including had packing, ramming, watering, including cost of all materials and labour with all lead and lift, complete as per specifications. **Specification. No. KBS, No. 6/ Item No. 2.15/ PWD SR 2014-15**	Cum							
	Nagawara		1	30.34	0.90	0.20	5.46		
			6	1.20	1.20	0.20	1.73		
	Sump Tank		1	1.80	2.40	0.20	0.86		
	Saraipalya		1	30.34	0.90	0.20	5.46		
			6	1.20	1.20	0.20	1.73		
	Sump Tank		1	1.80	2.40	0.20	0.86		
							16.11		
	Deduction of Columns		2X6	1.20	0.90	0.20	2.59		
							13.51	1962.36	**26520.00**
	Basic Rate	1817.00							
	Area Weightage @ 8%	145.36							
	Total	**1962.36**							
4	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M10 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification **No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2014-15**	Cum							
	Nagawara								
	Walls		1	30.34	0.90	0.15	4.10		
	For Columns		6	1.20	1.20	0.15	1.30		
	Flooring Room		1	3.78	5.78	0.10	2.18		
	Kitchen		1	2.55	1.28	0.10	0.33		
	Toilet		1	0.78	0.28	0.10	0.02		
	Flagging Concrete		2	8.19	0.75	0.10	1.23		
			2	5.96	0.75	0.10	0.89		
	Sump Tank		1	1.80	2.40	0.15	0.65		
	Saraipalya								
	Walls		1	30.34	0.90	0.15	4.10		
	For Columns		6	1.20	1.20	0.15	1.30		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Total	**118.80**							
7	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. **Specification. No. KBS 4.1,4.6, No. KBS 4.1,4.6, No. 13/ Item No. 4.11/ PWD SR 2014-15**	Cum							
	Nagawara								
	Coloum's Footing		6	1.20	1.20	0.40	3.46		
	Coloum's		6	0.23	0.23	5.10	1.62		
	Plinth Concrete		1	30.34	0.45	0.15	2.05		
	Lintel		1	30.34	0.45	0.20	2.73		
	Chajjas		5	1.20	0.45	0.10	0.27		
	Roof		1	8.19	4.46	0.15	5.48		
	Beam		2	8.19	0.23	0.15	0.57		
			3	4.46	0.23	0.15	0.46		
	Sump Tank		1	1.66	2.26	0.15	0.56		
	Sump Tank Floor		1	1.20	1.80	0.10	0.22		
	Sump Tank Cover Slab		1	0.80	0.80	0.10	0.06		
	Stare Case waste slab		1	3.50	0.75	0.12	0.32		
	Landing		1	5.23	0.75	0.12	0.47		
	Stepps		21x.05	0.75	0.23	0.15	0.03		
	Saraipalya								
	Coloum's Footing		6	1.20	1.20	0.40	3.46		
	Coloum's		6	0.23	0.23	5.10	1.62		
	Plinth Concrete		1	30.34	0.45	0.15	2.05		
	Lintel		1	30.34	0.45	0.20	2.73		
	Chajjas		5	1.20	0.45	0.10	0.27		
	Roof		1	8.19	4.46	0.15	5.48		
	Beam		2	8.19	0.23	0.15	0.57		
			3	4.46	0.23	0.15	0.46		
	Sump Tank		1	1.66	2.26	0.15	0.56		
	Sump Tank Floor		1	1.20	1.80	0.10	0.22		
	Sump Tank Cover Slab		1	0.80	0.80	0.10	0.06		
	Stare Case waste slab		1	3.50	0.75	0.12	0.32		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Flooring Room		1	3.78	5.78	0.10	2.18		
	Kitchen		1	2.55	1.28	0.10	0.33		
	Toilet		1	0.78	0.28	0.10	0.02		
	Flagging Concrete		2	8.19	0.75	0.10	1.23		
			2	5.96	0.75	0.10	0.89		
	Sump Tank		1	1.80	2.40	0.15	0.65		
							21.39		
	Deduction Columns		2X6	1.20	0.90	0.15	1.94		
	Blance Qty						**19.45**	4847.04	**94260.00**
	Basic Rate	4488.00							
	Area Weightage @ 8%	359.04							
	Total	**4847.04**							
5	KSRB 5.3-1 Providing and constructing granite / trap / basalt size stone masonry in basement with mud mortar, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.**KBS 5-1.13 Page No. 23/ Item No. 5.9/ PWD SR 2014-15**	Cum							
	Nagawara		1	30.34	0.6 +0.45	0.60	9.56		
					2				
	Saraipalya		1	30.34	0.6 +0.45	0.60	9.56		
					2				
							19.11		
	Deduction of Columns		2X6	0.23	0.23	0.60	0.38		
							18.73	4542.48	**85096.00**
	Basic Rate	4206.00							
	Area Weightage @ 8%	336.48							
	Total	**4542.48**							
6	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications, specification. **No. KBS 2.9, No. 6/ Item No. 2.10/ PWD SR 2014-15**	Cum							
	Nagawara								
	Foundation		1	30.34	0.90	0.90	24.58		
	Column's		6	1.20	1.20	1.20	10.37		
	Saraipalya								
	Foundation		1	30.34	0.90	0.90	24.58		
	Column's		6	1.20	1.20	1.20	10.37		
							69.89		
	Deduction of Column's		2X6	1.20	0.90	0.90	11.66		
							58.22	118.80	**6917.00**
	Basic Rate	110.00							
	Area Weightage @ 8%	8.80							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Landing		1	5.23	0.75	0.12	0.47		
	Stepps		21x.05	0.75	0.23	0.15	0.03		
	Mariyannapalya Anganavadi Dampnes Concrete		1	7.00	6.00	0.075	3.15		
							39.72		
	Deduction Plinth		2X6	0.23	0.45	0.15	0.19		
	Lintel		2X6	0.23	0.45	0.20	0.25		
	Beem		2X6	0.23	0.45	0.15	0.19		
	Roof		2X6	0.23	0.45	0.15	0.19		
	Sump Tank Open		2X1	0.60	0.60	0.15	0.11		
							0.92		
	Blance Qty						**38.80**	6065.28	**235358.00**
	Basic Rate	5616.00							
	Area Weightage @ 8%	449.28							
	Total	**6065.28**							
8	KSRB 6-2.3 Providing and constructing **burnt brick masonry** with approved quality of non-modular bricks of standard size of class designation 50 (table moulded) with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification **No. KBS 6.2, Page No. 27/ Item No. 6.6/ PWD SR 2014-15**	Cum							
	Nagawara								
			1	30.34	0.23	3.00	20.93		
	Parapat Wall		2	8.19	0.12	0.90	1.77		
			2	4.34	0.12	0.90	0.94		
			6	0.23	0.12	0.90	0.15		
	Sump Tank		2	2.66	0.23	1.80	2.20		
	Sump Tank		2	1.20	0.23	1.80	0.99		
	Saraipalya								
			1	30.34	0.23	3.00	20.93		
	Parapat Wall		2	8.19	0.12	0.90	1.77		
			2	4.34	0.12	0.90	0.94		
			6	0.23	0.12	0.90	0.15		
	Sump Tank		2	2.66	0.23	1.80	2.20		
	Sump Tank		2	1.20	0.23	1.80	0.99		
							53.97		
	Deductions MD		2X1	0.90	0.23	2.10	0.87		
	D1		2X2	4.00	0.23	2.10	7.73		
	W		2X6	0.90	0.23	1.20	2.98		
	W1		2X1	1.20	0.23	0.90	0.50		
	V		2X1	0.60	0.23	0.45	0.12		
	Lintel		2X1	32.95	0.23	0.20	3.03		
	Beem		2X2	7.19	0.23	0.15	0.99		
			2X3	5.46	0.23	0.15	1.13		
							17.35		
	Blance Qty						**36.62**	6308.28	**231005.00**
	Basic Rate	5841.00							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Area Weightage @ 8%	467.28							
	Total	**6308.28**							
9	KSRB 9-18.1: Providing and fixing in position **Honne wood** fully panelled shutters for windows with styles and rails of 25mm. thick, 75mm wide in two halves with panels of 20mm thick including cost of materials, labour charges, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification **No.9.34. Page No. 55/ Item No. 9.52/ PWD SR 2014-15**	**Sqm**							
	Nagawara								
	Main Door		1	0.90	2.10		1.89		
	D1		1	0.75	2.10		1.58		
	W		6	0.90	1.20		6.48		
	W1		1	1.20	0.90		1.08		
	V		1	0.60	0.45		0.27		
	Saraipalya								
	Main Door		1	0.90	2.10		1.89		
	D1		1	0.75	2.10		1.58		
	W		6	0.90	1.20		6.48		
	W1		1	1.20	0.90		1.08		
	V		1	0.60	0.45		0.27		
							22.59	3972.24	**89733.00**
	Basic Rate	3678.00							
	Area Weightage @ 8%	294.24							
	Total	**3972.24**							
10	"SOLID PVC DOOR FRAMEProviding & fixing factory made PVC Door frame of size 50x47 mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2No.s of 150mm long brackets of 15x15 mm M.S. Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufactures specification & direction of Engineer-in charge **Page No. 57/ Item No. 9.84/ PWD SR 2011-12**	**Sqm**							
	Nagawara		1	0.75	2.10		1.58		
	Saraipalya		1	0.75	2.10		1.58		
							3.15	560.52	**1766.00**
	Basic Rate	519.00							
	Area Weightage @ 8%	41.52							
	Total	**560.52**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
13	KSRB 15-3.7:- Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **Page No. 109/ Item No. 15.15/ PWD SR 2014-15**	Sqm							
	Nagawara								
	Inside		2	4.00		3.00	24.00		
			2	6.00		3.00	36.00		
			2	1.00		3.00	6.00		
			4	1.50		3.00	18.00		
	Saraipalya								
	Inside		2	4.00		3.00	24.00		
			2	6.00		3.00	36.00		
			2	1.00		3.00	6.00		
			4	1.50		3.00	18.00		
	Mariyannapalya Anganavadi		1	75.00		3.00	225.00		
							393.00		
	Deduction MD		2x0.5	0.90		2.10	1.89		
	D1		2x0.5	0.75		2.10	1.58		
	W		8x0.5	0.90		1.20	4.32		
	W1		2x0.5	1.20		0.90	1.08		
	V		2x0.5	0.60		0.45	0.27		
							9.14		
	Blance Qty						**383.87**	237.60	**91206.00**
	Basic Rate	220.00							
	Area Weightage @ 8%	17.60							
	Total	**237.60**							
14	KSRB 15.3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 110/ Item No. 15.18 / PWD SR 2014-15	**Sqm**							
	Nagawara								
			2	1.80		1.80	6.48		
			2	1.20		1.80	4.32		
			1	1.20		1.80	2.16		
	Saraipalya								
			2	1.80		1.80	6.48		
			2	1.20		1.80	4.32		
			1	1.20		1.80	2.16		
							25.92	253.80	**6578.00**
	Basic Rate	235.00							
	Area Weightage @ 8%	18.80							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
11	SOLID PANEL PRELAM PVC DOOR SHUTTERProviding & fixing 30mm thick factory made rigid foam prelam panelled Door Shutters made from M.S. tube of 19x19mm, 19 gauge for styles and 15x15mm for top & bottom rails, covered with heat moulded prelaminated PVC 'C' Channel of 5mm thick sheet & 30x50mm wide of form styles & 5mm thick & 75mm wide prelaminated PVC sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S. frame, sealed to the styles &rails with PVC designer beading on either side & joined together with solvent cement adhesive etc., complete as per manufactures specification & direction of Engineer –in-charge fixed to frames with 3nos of 75mm. Aluminium hinges. Page No. 58/ Item No. 9.85/ PWD SR 2014-15								
			1	0.75	2.10		**1.58**	4276.80	**6736.00**
	Basic Rate	3960.00							
	Area Weightage @ 8%	316.80							
	Total	**4276.80**							
12	KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications **Page No. 110/ Item No. 15.21 PWD SR 2014-15**	Sqm							
	Nagawara								
	Ceiling Plasting		1	6.00	4.00		24.00		
			1	2.77	1.50		4.16		
			1	1.00	1.50		1.50		
	Saraipalya								
	Ceiling Plasting		1	6.00	4.00		24.00		
			1	2.77	1.50		4.16		
			1	1.00	1.50		1.50		
	Mariyannapalya Anganavadi		1	7.00	6.00		42.00		
							101.31	186.84	**18929.00**
	Basic Rate	173.00							
	Area Weightage @ 8%	13.84							
	Total	**186.84**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Total	**253.80**							
15	KSRB 15.4.1 : Extra for providing and mixing water proofing compound in cement plaster work at one kg per bag or in the proportion recommended by the manufactures, for cement mortar 1:3, 12mm thick cost of materials complete as per specifications. Page No. 110/ Item No. 15.23/ PWD SR 2014-15	**Sqm**							
			Qty Vide Item No.15				**25.92**	9.18	**238.00**
	Basic Rate	8.50							
	Area Weightage @ 8%	0.68							
	Total	**9.18**							
16	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification **No. KBS 4.6.3 Page No. 17/ Item No. 4.46/ PWD SR 2014-15**	Qntl							
	100Kg / Cum		0.10	38.80			**3.88**	78351.84	**304038.00**
	Basic Rate	72548.00							
	Area Weightage @ 8%	5803.84							
	Total	**78351.84**							
17	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification **NO KBS 4.6.2 Page No. 15/ Item No. 4.29.2/ PWD SR 2014-15**	**Sqm**							
	Nagawara								
	Roof		1	4.00	6.00		24.00		
			1	1.50	2.77		4.16		
			1	1.00	1.50		1.50		
	Lintel		2	30.34	0.20		12.14		
			6	0.23	0.90		1.24		
			1	0.23	0.75		0.17		
	Chajjas		5	1.20	0.45		2.70		
			1	1.05	0.45		0.47		
	Stare Case waste slab		1	3.50	0.75		2.63		
	Landing		1	5.23	0.75		3.92		
	Stepps		21	0.75	0.23		3.62		
	Saraipalya								
	Roof		1	4.00	6.00		24.00		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	1.50	2.77		4.16		
			1	1.00	1.50		1.50		
	Lintel		2	30.34	0.20		12.14		
			6	0.23	0.90		1.24		
			1	0.23	0.75		0.17		
	Chajjas		5	1.20	0.45		2.70		
			1	1.05	0.45		0.47		
	Stare Case waste slab		1	3.50	0.75		2.63		
	Landing		1	5.23	0.75		3.92		
	Stepps		21	0.75	0.23		3.62		
							113.10	572.40	**64736.00**
	Basic Rate	530.00							
	Area Weightage @ 8%	42.40							
	Total	**572.40**							
18	KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification **NO KBS 4.6.2 Page No. 16/ Item No. 4.37/ PWD SR 2014-15**	**Sqm**							
		Qty Vide Item No.18					**113.10**	270.00	**30536.00**
	Basic Rate	250.00							
	Area Weightage @ 8%	20.00							
	Total	**270.00**							
19	KSRB 15.7: Providing **lime rendering** for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. **Page No. 110/ Item No. 15.17/ PWD SR 2014-15**	Sqm							
	Room		Qty Vide Item No.13+14				485.18		
							485.18	189.00	**91698.00**
	Basic Rate	175.00							
	Area Weightage @ 8%	14.00							
	Total	**189.00**							
20	KSRB 15-3.7:- Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **Page No. 109/ Item No. 15.15/ PWD SR 2014-15**	Sqm							
	Nagawara								
	Out Side		2	8.19	4.46		73.05		
			2	4.46	4.43		39.52		
	Parapat		2	8.19	0.90		14.74		
			2	4.22	0.90		7.60		
			6	0.46	0.90		2.48		
	Chajjas		2x6	1.20	0.45		6.48		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Stare Case waste slab		1	3.50	0.75		2.63		
	Landing		1	5.00	0.75		3.75		
	Stepps		21	0.75	0.23		3.62		
	Stare Case Bottom		1	3.50	0.75		2.63		
			1	5.00	0.75		3.75		
			1	1.50	0.75		1.13		
	Saraipalya								
	Out Side		2	8.19	4.46		73.05		
			2	4.46	4.43		39.52		
	Parapat		2	8.19	0.90		14.74		
			2	4.22	0.90		7.60		
			6	0.46	0.90		2.48		
	Chajjas		2x6	1.20	0.45		6.48		
	Stare Case waste slab		1	3.50	0.75		2.63		
	Landing		1	5.00	0.75		3.75		
	Stepps		21	0.75	0.23		3.62		
	Stare Case Bottom		1	3.50	0.75		2.63		
			1	5.00	0.75		3.75		
			1	1.50	0.75		1.13		
	Mariyannapalya Anganavadi		1	30.00	4.50		135.00		
							457.74		
	Deductions for MD		2x0.5	0.90	2.10		1.89		
	D1		2x0.5	0.75	2.10		1.58		
	W		12x0.5	0.90	1.20		6.48		
	W1		2x0.5	0.90	1.20		1.08		
	V		2x0.5	0.60	0.45		0.27		
							11.30		
	Blance Qty						**446.44**	237.60	**106075.00**
	Basic Rate	220.00							
	Area Weightage @ 8%	17.60							
	Total	**237.60**							
21	KSRB 15.15.3: Providing and applying painting in one coat with plastic emulsion paint of approved brand and manufacture on wall surface to give an even approved shade after thoroughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth cost of materials, labour, complete as per specifications. **Page No.114/ Item No. 15.52 / PWD SR 2014-15**	**Sqm**							
			Qty Vide Item No.18				**485.18**	43.20	**20960.00**
	Basic Rate	40.00							
	Area Weightage @ 8%	3.20							
	Total	**43.20**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
22	Providing and fixing Ceramic tiles of size 400x400mm for flooring, threads,steps and landing,laid on a bed of 20mm thick cement morta. 1:3 mix flush pointing with white cement mixed with matching colour pigment including curing, clearing etc. complete .The Worked including curing., clearing etc., complete, The work includes cost of all materials. Labour charges for all items or work, hire charges for equipment, etc., complete as per specification. **Page No. 116/ Item No. 14.63 / PWD SR 2014-15**								
	Nagawara		1	1.00	1.50		1.50		
	Saraipalya		1	1.00	1.50		1.50		
							3.00	1082.16	**3246.00**
	Basic Rate	1002.00							
	Area Weightage @ 8%	80.16							
	Total	**1082.16**							
23	KSRB 14.17.2: Providing skirting, dado, rises of steps with Colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface white should be measured and paid separately) using glazed tiles of approved make and size of materials, labour, complete as per specifications. **Specification No. KBS 14.17. Page No. 103/ Item No. 14.41.1 / PWD SR 2014-15**								
	Nagawara								
			2	1.00	2.10		4.20		
			2	1.50	2.10		6.30		
	Saraipalya								
			2	1.00	2.10		4.20		
			2	1.50	2.10		6.30		
							21.00		
	Deduction		2X1	0.75	2.10		3.15		
	Balance Qty						**17.85**	1017.36	**18160.00**
	Basic Rate	942.00							
	Area Weightage @ 8%	75.36							
	Total	**1017.36**							
24	SKSRB 15-16 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to given an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. **Page No. 114/ Item No. 15.53.2 / PWD SR 2014-15**	Sqm							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Out side			Qty Vide Item No.19			446.44		
							446.44	81.00	**36162.00**
	Basic Rate	75.00							
	Area Weightage @ 8%	6.00							
	Total	**81.00**							
25	Providing and fixing Special make glazed Vitrified tiles (Granomite finis) of approved make, quality and colour of sized 6000x600x10mm thick fixed on existing flooring wit ha special roffe adhesive for flooring and skirting etc., complete including providing spears at required interval and removing stains etc., complete. Page No. 104/ Item No. 14.43 / PWD SR 2014-15	Sqm							
	Nagawara								
	Ceiling Plasting		1	6.00	4.00		24.00		
			1	2.77	1.50		4.16		
			1	1.00	1.50		1.50		
	Saraipalya								
	Ceiling Plasting		1	6.00	4.00		24.00		
			1	2.77	1.50		4.16		
			1	1.00	1.50		1.50		
	Mariyannapalya Anganavadi		1	7.00	6.00		42.00		
							101.31	1212.84	**122873.00**
	Basic Rate	1123.00							
	Area Weightage @ 8%	89.84							
	Total	**1212.84**							
26	KSRB 15.17.8 : Extra over item No. 15-17.6 for applying every subsequent coat of enamel paint to give an even shade after cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. **Page No.113/ Item No. 15.60.2 / PWD SR 20114-15**	Cum							
	Nagawara								
	MD		1x2.5	0.90	2.10		4.73		
	W		4x2.5	0.90	1.20		2.70		
	W1		1x2.5	1.20	0.90		2.70		
	V		1x2.5	0.60	0.45		0.68		
	Saraipalya								
	MD		1x2.5	0.90	2.10		4.73		
	W		4x2.5	0.90	1.20		2.70		
	W1		1x2.5	1.20	0.90		2.70		
	V		1x2.5	0.60	0.45		0.68		
							21.60	48.60	**1050.00**
	Basic Rate	45.00							
	Area Weightage @ 8%	3.60							
	Total	**48.60**							
27	90mm pipe outer dia(3 layer) **Page No. 95 /Item No. 13.95.8 PWD SR 2014-15**	m							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Nagawara		2	3.50			7.00		
	Saraipalya		2	3.50			7.00		
							14.00	1371.60	**19202.00**
	Basic Rate	1270.00							
	Area Weightage @ 8%	101.60							
	Total	**1371.60**							
28	Providing and fixing chlorinated poly veny chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing, this including jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases & making good the same including testing of joints complete.(concealed work including cutting chases and good the walls etc,),15mm nominal OD pipes **Page No. 92/ Item No. 13.83.1/ PWD SR 2014-15**	m							
	Nagawara		1	32.00			32.00		
	Saraipalya		1	32.00			32.00		
							64.00	270.00	**17280.00**
	Basic Rate	250.00							
	Area Weightage @ 8%	20.00							
	Total	**270.00**							
29	Supppying water storage tanks made of virgin polymer (LLDPE) with two layers outer black of blue and inner white layer of approved quality and make, conforming to ISI / ISO / SSI specifications, No. 252/ Item No. 37.58 PWD SR 2014-15								
	Nagawara		1	500.00			500.00		
	Saraipalya		1	500.00			500.00		
							1000.00	6.48	**6480.00**
	Basic Rate	6.00							
	Area Weightage @ 8%	0.48							
	Total	**6.48**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
30	KSRB 13-6.1.2 : Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification NO. KBS 13.2.2 / 13.3, **Page No. 88/ Item No. 13.24 / PWD SR 2014-15**	Each							
	Nagawara		2				2.00		
	Saraipalya		2				2.00		
							4.00	260.28	**1041.00**
	Basic Rate	241.00							
	Area Weightage @ 8%	19.28							
	Total	**260.28**							
31	Orissa Pattern of size 575x425mm with integral type footrests	Each							
			1				1.00		
			1				1.00		
							2.00	1026.00	**2052.00**
	Basic Rate	950.00							
	Area Weightage @ 8%	76.00							
	Total	**1026.00**							
32	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shutterng machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 Including all cost of Matirial (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab	Sqm							
	Vidya sagara School Back		1	58.00	0.90		52.20		
							52.20	1856.67	**96918.00**
	Data Rate	**1856.67**							
33	Electrical Charges	**L/S**	2	30000.00			60000.00		**60000.00**
34	Sanitary and Water Supply	**L/s**	2	25000.00			**50000.00**		**50000.00**
							Grand Total		**1977996.00**
35	For 1% Third Party Inspection								**19780.00**
36	Miscesallaneous Charges	L/S							**2224.00**
								Total	**2000000.00**

ADMINISTRATIVELY SANCTIONED FOR Rs ... 20.00 Lakh
Rupees
Under
Registered as EE ( ) No. 3 ... 9 ...
Subject to conditions contained in enclosed memo of No. 1162/14-15
Dt. Estimate / Sanctioned
No.
dated Rs.
Addl Joint Commissioner (Yelahanka Zone) BBMP Bengaluru-92

Technical Sanction for Rs. 20.00 Lakh
Twenty Lakh only
P=1771
Registered as EE No. 97 Date: 29/10/14
Subject to conditions contained in approved memo. Dt.
No: TS/EE/97/14-15 29/10/14
AE/JE
EE (BTP.Div.)

Rupees Twenty Lakh(s) Only

CERTIFICATE

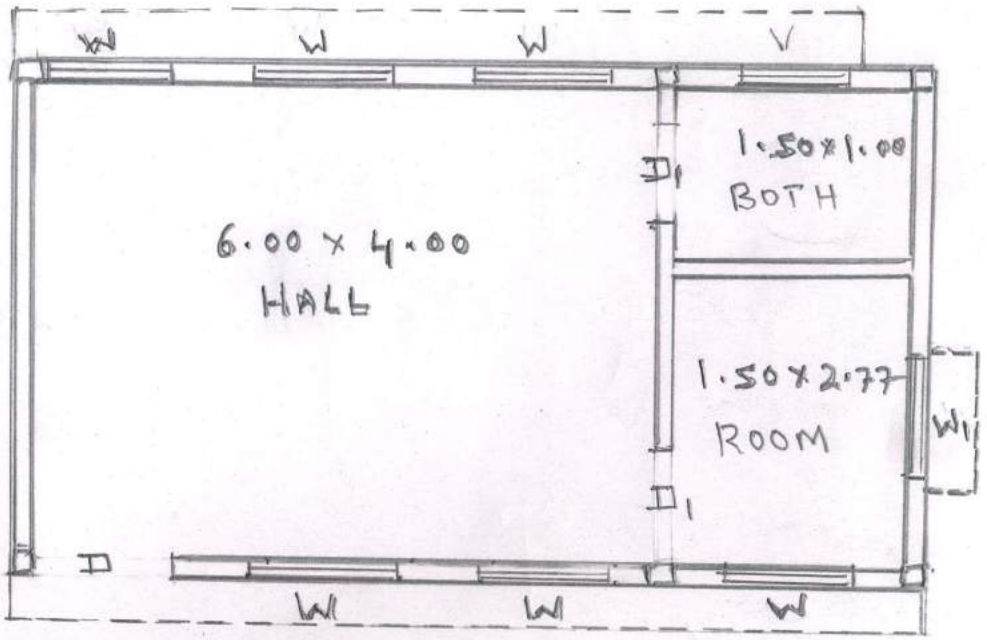
1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2014-15
3 This works come under B.B.M.P. limits.

Assistant Engineer
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

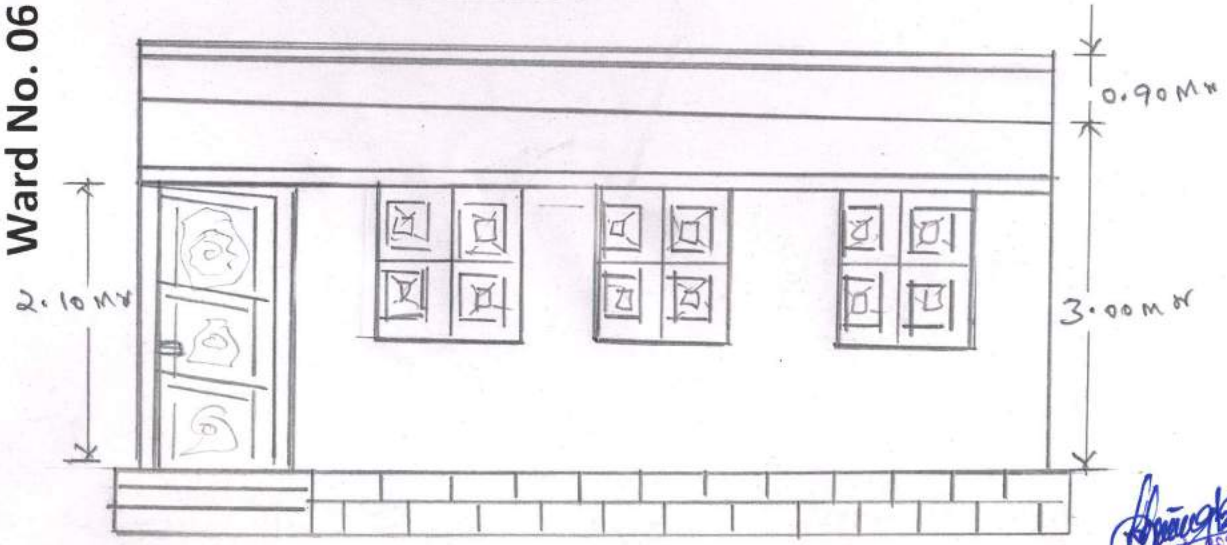
Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

Name of Work: Construcion and Repair of Anganavadi Building in Ward No. 06 Byatarayanapura Sub Division



PLAN



ELEVATION

INDEX

D	DOORS D - 1×0.90×2.10 D1 - 2×0.75×2.10
2)	WINDOW'S W - 6×0.90×1.20 W1 - 1×1.20×0.90 V - 1×0.60×0.45

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore